

ABSTRACT OF THE DISCLOSURE

A method of testing a friction component for a transmission that has first and second parts. The first part of the friction component is attached to a drive shaft and the second part is attached to a grounding element. The first part of the friction component is rotated until the drive shaft and the first part of the friction component rotate at a target sliding speed V_{target} . An actuation force is applied to the friction component at a time t_0 . Operation of the motor drive is continued to maintain the speed of rotation of the drive shaft at V_{target} until a predetermined level of engagement torque T_{th} is obtained. The motor torque is then reduced to a predetermined level T_m . The sliding speed of the drive shaft is then decreased and the test is terminated when the sliding speed falls to zero.